2590
1/20

#2

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RAW SEQUENCE LISTING               DATE: 11/23/2001
PATENT APPLICATION:  US/09/899,863A    TIME: 18:23:38

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 3 <110> APPLICANT: Fujii, Yoichi
 4         Otake, Kaori
 6 <120> TITLE OF INVENTION: Nef-attachable protein, DNA encoding the protein and a
 7         monoclonal antibody against said protein
 9 <130> FILE REFERENCE: NZK128
11 <140> CURRENT APPLICATION NUMBER: 09/899,863A
12 <141> CURRENT FILING DATE: 2001-07-05
14 <150> PRIOR APPLICATION NUMBER: 09/333,521
15 <151> PRIOR FILING DATE: 1999-06-15
17 <150> PRIOR APPLICATION NUMBER: JP 185,708
18 <151> PRIOR FILING DATE: 1998-06-15
20 <160> NUMBER OF SEQ ID NOS: 2
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 286
26 <212> TYPE: PRT
27 <213> ORGANISM: Human lymphoblast
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34              20                  25                  30
36 Gln Phe Leu Thr Glu Asp Ile Pro Phe Phe Thr Ile Ala Leu Tyr Trp
37          35                  40                  45
39 Leu Pro Asn Ile Thr Leu Gln Ile Pro Gln Ser Ile Leu Ser Glu Ser
40      50                  55                  60
42 Phe Arg Glu Thr Ala Leu Cys Ser Leu Asn Ser Ser His Gly Ile Val
43  65                  70                  75                  80
45 Ala Phe Pro Ser Arg Ser Arg Ser Leu Arg Leu Phe Leu Trp Asn Ser
46                  85                  90                  95
48 Gln Ile Asp Ile Trp Lys Pro Ile Glu Val Tyr Gly Ala Lys Gly Asn
49              100                 105                 110
51 Ile Leu Arg Glu Lys Leu Lys Arg Ile Phe Leu Gly Asn Cys Phe Val
52          115                 120                 125
54 Phe Cys Gly Phe Ile Ser Gln Ser Tyr Ser Phe Leu Leu Lys Lys Pro
55      130                 135                 140
57 Phe Ala Lys Ala Val Ser Cys Gly Ile Cys Lys Val Val Phe Gly Ser
58 145                 150                 155                 160
60 Pro Ser Arg Ala Arg Val Lys Lys Glu Ile Ser Ser Val Lys Thr Trp
61              165                 170                 175
63 Lys Glu Ala Ser Glu Asn Leu Leu Cys Val Leu Leu Ile His Leu Thr
64              180                 185                 190
66 Glu Leu Gln Leu Ser Pro Gln Glu Ala Val Tyr Tyr Gly Cys Ser Cys
67          195                 200                 205
69 Gly Ile Cys Lys Val Ile Phe Gly Ser Pro Glu Arg Ala Met Val Lys
70      210                 215                 220
72 Lys Glu Thr Ser Tyr Asp Lys Asn Trp Lys Glu Ala Phe Cys Glu Thr
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73 225                 230           235               240
75 Ala Leu Cys Ser Val Asn Ser Ser His Arg Ile Thr Ala Phe Pro Ser
76                 245             250               255
78 Arg Ser Leu Cys Leu Arg Leu Leu Leu Trp Asn Phe Gln Ser Asp Ile
79             260             265               270
81 Leu Lys Pro Leu Glu Ser Tyr Gly Glu Lys Gly Asn Ile Leu
82         275             280               285
85 <210> SEQ ID NO: 2
86 <211> LENGTH: 858
87 <212> TYPE: DNA
88 <213> ORGANISM: Human lymphoblast
90 <220> FEATURE:
91 <223> OTHER INFORMATION: cDNA library of Human Leukemia Lymphoblast
93 <400> SEQUENCE: 2
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95 acagaacaca aagcattttc tcagaaatct tttttccagt ttttaactga agatattccc 120
96 tttttcacca tagccctcta ttggcttcca aatatcacct tacaaattcc acaaagcatt 180
97 cttagcgaaa gcttccgaga aacggcattg tgttctctta attcatctca cggaattgta 240
98 gctttcccct caagaagccg atcactaaga ctgttcttgt ggaattcgca aattgatatt 300
99 tggaagccca tagaggtcta tggtgcaaaa ggaaatatcc taagagaaaa actgaaaaga 360
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103 gagaacctgc tttgtgttct gttaattcat ctcacagagt tacagctttc ccctcaagaa 600
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108 gaaaaaggaa atatccta                                          858
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